

Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing: 2002

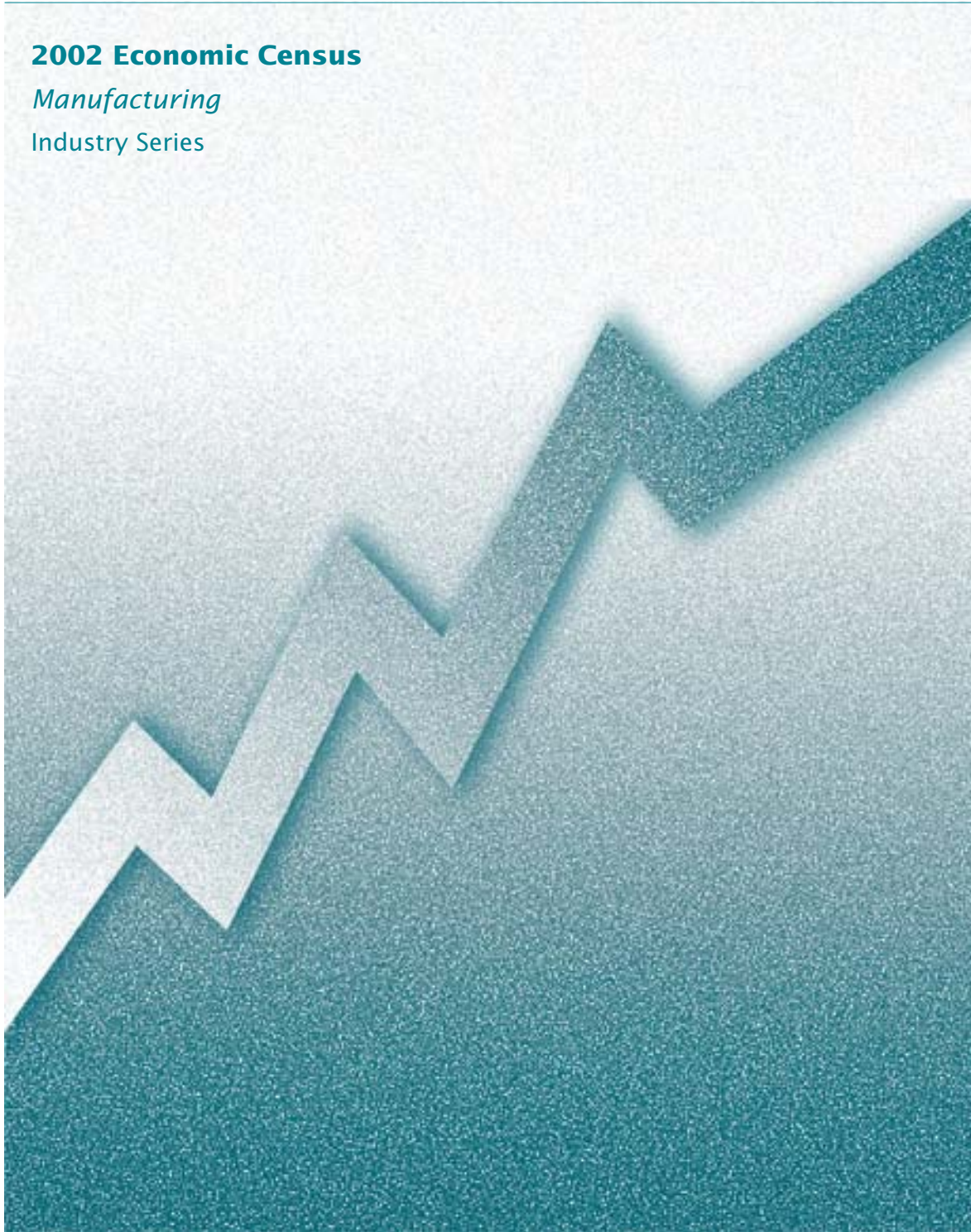
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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
327111, Vitreous china and earthenware plumbing fixture and accessories mfg	2002..	37	50	8 107	284 133	6 750	14 484	221 199	850 670	296 486	1 137 717	'25 191
	2001..	N	N	8 426	271 360	6 913	14 450	212 456	830 848	285 639	1 121 664	12 651
	2000..	N	N	8 601	290 532	7 045	15 000	227 213	931 804	289 842	1 233 084	19 181
	1999..	N	N	8 979	290 673	7 496	16 473	235 501	899 668	291 794	1 181 764	26 332
	1998..	N	N	9 604	306 131	8 328	17 371	254 868	877 618	323 097	1 199 102	20 681
	1997..	43	57	9 222	284 871	7 816	16 305	234 827	807 165	287 587	1 109 995	14 877

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
327111, Vitreous china and earthenware plumbing fixture and accessories mfg												
United States.....	—	50	28	8 107	284 133	6 750	14 484	221 199	850 670	296 486	1 137 717	'25 191
California	4	7	3	248	7 374	182	367	4 497	22 030	4 585	26 168	'407
Texas	—	7	5	1 601	52 534	1 349	3 004	42 693	169 542	70 085	241 300	'3 498

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
327111, Vitreous china and earthenware plumbing fixture and accessories mfg	
Companies ¹	number.. 37
All establishments ²	number.. 50
Establishments with 1 to 19 employees	number.. 22
Establishments with 20 to 99 employees	number.. 6
Establishments with 100 employees or more	number.. 22
All employees ³	number.. 8 107
Total compensation	\$1,000.. 369 647
Annual payroll	\$1,000.. 284 133
Total fringe benefits	\$1,000.. 85 514
Production workers, average for year	number.. 6 750
Production workers on March 12	number.. 6 762
Production workers on May 12	number.. 6 799
Production workers on August 12	number.. 6 727
Production workers on November 12	number.. 6 704
Production worker hours	1,000.. 14 484
Production worker wages	\$1,000.. 221 199
Total cost of materials	\$1,000.. 296 486
Materials, parts, containers, packaging, etc., used	\$1,000.. 237 934
Resales	\$1,000.. 20 535
Purchased fuels	\$1,000.. 25 170
Purchased electricity	\$1,000.. 12 316
Contract work	\$1,000.. 531
Quantity of electricity purchased for heat and power	1,000 kWh.. 254 860
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 1 137 717
Primary products value of shipments	\$1,000.. 982 564
Secondary products value of shipments	\$1,000.. 123 823
Total miscellaneous receipts	\$1,000.. 31 330
Value of resales	\$1,000.. 31 330
Contract receipts	\$1,000.. -
Other miscellaneous receipts	\$1,000.. -
Primary products specialization ratio	percent.. 89
Value of primary products shipments made in all industries	\$1,000.. 982 564
Value of primary products shipments made in this industry	\$1,000.. 982 564
Value of primary products shipments made in other industries	\$1,000.. -
Coverage ratio	percent.. 100
Value added	\$1,000.. 850 670
Total inventories, beginning of year	\$1,000.. 90 083
Finished goods inventories	\$1,000.. 54 976
Work-in-process inventories	\$1,000.. 16 252
Materials and supplies inventories	\$1,000.. 18 855
Total inventories, end of year	\$1,000.. 100 367
Finished goods inventories	\$1,000.. 65 417
Work-in-process inventories	\$1,000.. 15 250
Materials and supplies inventories	\$1,000.. 19 700
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '509 109
Total capital expenditures (new and used)	\$1,000.. '25 191
Buildings and other structures (new and used)	\$1,000.. '2 288
Machinery and equipment (new and used)	\$1,000.. '22 903
Automobiles, trucks, etc., for highway use	\$1,000.. D
Computers and peripheral data processing equipment	\$1,000.. D
All other expenditures for machinery and equipment	\$1,000.. '19 180
Total retirements	\$1,000.. '11 096
Gross value of depreciable assets at end of year	\$1,000.. '523 204
Depreciation charges during year	\$1,000.. '33 328
Total rental payments	\$1,000.. 11 766
Buildings and other structures	\$1,000.. 2 638
Machinery and equipment	\$1,000.. 9 128
Total other expenses ⁴	\$1,000.. 37 306
Response coverage ratio ⁵	percent.. 69
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 9 459
Communications services ⁴	\$1,000.. 1 091
Legal services ⁴	\$1,000.. 744
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. D
Advertising and promotional services ⁴	\$1,000.. D
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. D
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 885
Management consulting and administrative services ⁴	\$1,000.. 1 496
Taxes and license fees ⁴	\$1,000.. 3 170
All other expenses ⁴	\$1,000.. 14 369

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
327111, Vitreous china and earthenware plumbing fixture and accessories mfg											
All establishments	—	50	8 107	284 133	6 750	14 484	221 199	850 670	296 486	1 137 717	'25 191
Establishments with—											
1 to 4 employees	9	17	b	D	D	D	D	D	D	D	'113
5 to 9 employees	9	3	a	D	D	D	D	D	D	D	D
10 to 19 employees	8	2	b	D	D	D	D	D	D	D	D
20 to 49 employees	—	1	b	D	D	D	D	D	D	D	D
50 to 99 employees	2	5	e	D	D	D	D	D	D	D	D
100 to 249 employees	—	11	1 751	57 354	1 566	3 090	48 520	145 223	55 134	201 326	'2 919
250 to 499 employees	—	5	1 536	48 879	1 232	2 470	34 919	112 676	44 980	151 492	2 269
500 to 999 employees	—	6	4 311	163 462	3 557	8 082	128 436	558 174	175 449	729 739	'18 742
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	20	63	2 071	53	110	1 588	6 401	3 046	9 447	'211

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	50	8 107	284 133	6 750	14 484	221 199	850 670	296 486	1 137 717	'25 191
3271110	Vitreous plumbing fixtures	50	8 107	284 133	6 750	14 484	221 199	850 670	296 486	1 137 717	'25 191

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327111	Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing	2002.. N	X	X	982 564
	..... 1997.. N		X	X	984 343
3271110	Vitreous plumbing fixtures	2002.. N	X	X	982 564
	..... 1997.. N		X	X	984 343
32711101	Vitreous plumbing fixtures	2002.. N	X	X	962 645
	..... 1997.. N		X	X	826 039
3271110112	Vitreous china lavatories	2002.. 9	X	X	177 280
	..... 1997.. N		X	X	N
3271110113	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, 17 inches from floor to rim of bowl, close coupled for use with flush tank	2002.. 8	X	X	310 956
	..... 1997.. N		X	X	N
3271110120	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, gravity and pressurized	2002.. 6	X	X	156 758
	..... 1997.. N		X	X	N
3271110122	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, all other (including flushometer valve)	2002.. 9	X	X	90 750
	..... 1997.. N		X	X	N
3271110131	Vitreous china flush tanks	2002.. 8	X	X	182 385
	..... 1997.. N		X	X	N
3271110151	All other china plumbing fixtures (including drinking fountains, urinals, sinks, etc.)	2002.. 8	X	X	44 516
	..... 1997.. N		X	X	N
32711102	Vitreous plumbing fixture accessories and fittings, including earthenware	2002.. N	X	X	14 147
	..... 1997.. N		X	X	147 414
3271110211	Vitreous plumbing accessories and fittings (including towel racks, soap cups, etc.)	2002.. 3	X	X	D
	..... 1997.. 9		X	X	26 576
3271110221	Earthenware plumbing fixtures, accessories, and fittings	2002.. 1	X	X	D
	..... 1997.. 8		X	X	120 838
3271110Y	Vitreous plumbing fixtures, nsk, total	2002.. N	X	X	5 772
	..... 1997.. N		X	X	10 890
3271110YWW	Vitreous plumbing fixtures, nsk, for nonadministrative-record establishments	2002.. N	X	X	464
	..... 1997.. N		X	X	8
3271110YWY	Vitreous plumbing fixtures, nsk, for administrative-record establishments	2002.. N	X	X	5 308
	..... 1997.. N		X	X	10 882

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
327111	Vitreous china and earthenware plumbing fixture and accessories mfg		
00900001	Total materials .....2002..	X	237 934
	.....1997..	X	220 692
21232011	Clay, ceramic, and refractory minerals .....2002..	X	81 253
	.....1997..	X	85 146
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	40 395
	.....1997..	X	36 531
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	102 869
	.....1997..	X	86 183
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	13 417
	.....1997..	X	12 832

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.